



**Alpha Wire Company**

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**Product Specification: 1941/3F - 1943/3F**

**Date Issued: 03/09/01**

**Product Description:** Three conductor cords, consisting of stranded bare copper conductors, color coded polyvinylchloride insulation, aluminum/polyester shield, with an overall polyvinylchloride jacket.

**Note:** All dimensions are in inches unless otherwise specified.

**Construction Requirements**

**Conductor Data:**

Material	Bare Copper
AWG, Stranding	Table 1

**Insulation Data:**

Material	Polyvinylchloride
Nominal Wall Thickness	0.030
Nominal Diameter	See Table 1

**Core Assembly:**

Number of Conductors	3
Color Code	Blue, Brown, Green/Yellow

**Overall Shield:**

Material	Aluminum/Polyester Foil Facing In, 25% Minimum Overlap
Drain Wire	Stranded Tinned Copper

**Jacket Data:**

Material	Polyvinylchloride
Color	Black
Nominal Wall Thickness	0.030
Nominal Diameter	See Table 1

**Finished Product Requirements:**

Voltage Rating	300 Volts
Temperature Range	-20°C to 60°C
UL Type	SJT
CSA Type	SJT

**Availability:**

100 ft and 250 ft spools.

**Table 1**

<b><u>Part Number</u></b>	<b><u>AWG</u></b>	<b><u>Insulation Stranding</u></b>	<b><u>Jacket Nominal Diameter</u></b>	<b><u>Nominal Diameter</u></b>
1941/3F	18	41/34	0.107	0.34
1942/3F	16	65/34	0.120	0.36
1943/3F	14	41/30	0.133	0.39